



10/30/00

TERRELL C. BIRCH
 RAYMOND C. STEWART
 JOSEPH A. KOLASCH
 JAMES M. SLATTERY
 BERNARD L. SWEENEY*
 MICHAEL K. MUTTER
 CHARLES GORENSTEIN
 GERALD M. MURPHY JR.
 LEONARD R. SVENSSON
 TERRY L. CLARK
 ANDREW D. MEIKLE
 MARC S. WEINER
 JOE MCKINNEY MUNCY
 ROBERT J. KENNEY
 DONALD J. DALEY
 JOHN W. BAILEY
 JOHN A. CASTELLANO, III
 GARY D. YACURA

OF COUNSEL
 HERBERT M. BIRCH (1905-1996)
 ELLIOT A. GOLDBERG*
 WILLIAM L. GATES*
 EDWARD H. VALANCE
 RUPERT J. BRADY (RET.)*
 F. PRINCE BUTLER
 FRED S. WHISENHUNT

*ADMITTED TO A BAR OTHER THAN VA

BIRCH STEWART, KOLASCH & CH, LLP

INTELLECTUAL PROPERTY LAW
 8110 GATEHOUSE ROAD
 SUITE 500 EAST
 FALLS CHURCH, VA 22042-1210
 U S A
 (703) 205-8000

FAX: (703) 205-8050
 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
 web: http://www.bskb.com

CALIFORNIA OFFICE:
 COSTA MESA, CALIFORNIA

THOMAS S. AUCHTERLONIE
 JAMES T. ELLER, JR.
 SCOTT L. LOWE
 MARK J. NUEL, Ph.D.
 D. RICHARD ANDERSON
 PAUL C. LEWIS
 MARK W. MILSTEAD*
 RICHARD J. GALLAGHER
 JAYNE M. SAYDAH*

REG. PATENT AGENTS
 FREDERICK R. HANDREN
 MARYANNE ARMSTRONG, Ph.D.
 MAKI HATSUMI
 MIKE S. RYU
 CRAIG A. McROBBIE
 GARTH M. DAHLEN, Ph.D.
 LAURA C. LUTZ
 ROBERT E. GOOZNER, Ph.D.
 HYUNG N. SOHN
 MATTHEW J. LATTIG
 ALAN PEDERSEN-GILES
 C. KEITH MONTGOMERY
 TIMOTHY R. WYCKOFF
 KRISTI L. RUPERT, Ph.D.
 LARRY J. HUME
 ALBERT LEE
 HRAYR A. SAYADIAN, Ph.D.

jc917 U.S. PTO
 09/698174
 10/30/00

Date: October 30, 2000Docket No.: 1920-0111P

Assistant Commissioner for Patents
 Box PATENT APPLICATION
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): FRANCKE, Tom
 PESKOV, Vladimir

For: APPARATUS AND METHOD FOR RADIATION DETECTION

Enclosed are:

- X A specification consisting of 19 pages
- X 02 sheet(s) of Formal drawings
- X An assignment of the invention
- X Certified copy of Priority Document(s)
- X Executed Declaration X Original Photocopy
- X A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27
- Preliminary Amendment
- X Information Disclosure Statement, PTO-1449 and reference(s)

Other _____

The filing fee has been calculated as shown below:

LARGE ENTITY			SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** *****	\$710.00
TOTAL CLAIMS	31 - 20 =	11	x18 = \$	0.00
INDEPENDENT	2 - 3 =	0	x80 = \$	0.00
MULTIPLE DEPENDENT CLAIM PRESENTED <u>no</u>			+270 = \$	0.00
TOTAL \$			0.00	
			TOTAL \$	
			454.00	

X A check in the amount of \$ 494.00 to cover the filing fee and recording fee (if applicable) is enclosed.

_____ Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A triplicate copy of this transmittal form is enclosed.

_____ No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART KOLASCH & BIRCH, LLP

By _____

JOHN CASTELLANO

Reg. No. 35,094

P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000
JAC/cqc